

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 10/670,792

Q77647

REMARKS

Formalities

Claims 1-14 are all the claims currently pending in this Application.

With the current Office Action, the Examiner returns the signed and initialed copy of the PTO-Form 1449 submitted with Applicants' IDS of September 25, 2003. The Examiner also acknowledges Applicants' claim to foreign priority and the receipt of the certified copy of the priority document.

Claim Rejections

Claims 1-14 stand rejected under 35 U.S.C. 102(b) as allegedly anticipated by Lang et al., U.S. Patent No. 6,240,116 ("Lang").

Regarding claim 1, Applicants submit that Lang fails to disclose or suggest sets of collimator lens arrays mounted on mounting portions, where the mount portions on which the collimator lens arrays are mounted regulate the vertical position of each of the collimator lenses, as recited. In the Office Action, the Examiner refers to Figure 6 of Lang as disclosing a mounted collimator lens array. As illustrated and described in Lang, element 114 is a collimator lens and elements 104 are heat spreaders. However, there is no illustration in Figure 6 or any other figure, and not disclosure in Lang of any collimator lens or any collimator lens array being mounted. As illustrated in Figure 6 and the other Lang figures, the collimator lenses appear to "float" apart from any other element. It would be impossible for these lenses to "float" and therefore, they must somehow be attached to another element, there are any number of ways in which these

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lenses could be attached to other elements and therefore, Lang fails to specifically or inherently disclose the claimed mounting of collimator lens arrays.

Regarding claim 2, as discussed above with respect to claim 1, Lang fails to disclose or suggest a bottom surface of a collimator lens array fixed to an upper surface of a mount portion, as claimed.

Regarding claims 3 and 4, the Examiner refers to the grooves discussed in col. 1, lines 44-48 of Lang as disclosing the claimed reference marks. However, col. 1, lines 50-59 clearly describe the problems associated with the described grooves and that such grooves would not be used in conjunction with the invention of Lang (which seeks to increase the density of a resultant output beam): "There is a problem with both 'rack and stack' and the 'bars in grooves with perpendicular emission' approaches in that the smallest pitch between adjacent laser bars has a lower limit. Thus, it is not possible to improve the density of the two dimensional array of emitters by reducing the dead space between adjacently disposed laser bars." Thus, Lang specifically discusses that the grooves to which the Examiner refers could not be used with the embodiments of the Lang invention.

Therefore, in view of the above, Applicants submit that Lang fails to anticipate claims 1-14 and respectfully request that the rejection of claims 1-14 be reconsidered and withdrawn.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the

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Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.


Respectfully submitted,

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